ELSEVIER

Hearing Research 181 (2003) 145–146

HEARING RESEARCH

www.elsevier.com/locate/heares

# Author Index Volume 181

Alain, C., see Ostroff, J.M. (181) 1
Ando, M., see Sawada, S. (181) 15

Backes, W.H., see van Dijk, P. (181) 8
Barhanin, J., see Nicolas, M.T. (181) 20

Cahill, H.B., see Ryugo, D.K. (181) 73
Casalotti, S.O., see Jongkamonwiwat, N. (181) 85
Chetsawang, B., see Jongkamonwiwat, N. (181) 85

Demêmes, D., see Nicolas, M.T. (181) 20
Denecke, H., see Walpurger, V. (181) 57
Ding, D., see Wang, J. (181) 65
Dodson, H., see Jongkamonwiwat, N. (181) 85

Ehrsson, H., see Ekborn, A. (181) 109
Ekborn, A., Laurell, G., Ehrsson, H. and Miller, J.
Intracochlear administration of thiourea protects against cisplatin-induced outer hair cell loss in the guinea pig (181) 109

Firzlaff, U. and Schuller, G.
Spectral directionality of the external ear of the lesser spear-nosed bat, *Phyllostomus discolor* (181) 27
Forge, A., see Jongkamonwiwat, N. (181) 85

Goode, R.L., see Stenfelt, S. (181) 131
Govitrapong, P., see Jongkamonwiwat, N. (181) 85

Hato, N., see Stenfelt, S. (181) 131
Hebing-Lennartz, G., see Walpurger, V. (181) 57
Henshall, K.R., see McKay, C.M. (181) 94

Jongkamonwiwat, N., Phansuwan-Pujito, P., Sarapoke, P., Chetsawang, B., Casalotti, S.O., Forge, A., Dodson, H. and Govitrapong, P.
The presence of opioid receptors in rat inner ear (181) 85

Kakigi, A., see Sawada, S. (181) 15
Kitano, H., see Sawada, S. (181) 15
Krupp, N.L., see Kurian, R. (181) 40
Kurian, R., Krupp, N.L. and Saunders, J.C.
Tip link loss and recovery on chick short hair cells following intense exposure to sound (181) 40

Laurell, G., see Ekborn, A. (181) 109
Lazar, R. and Metherate, R.
Spectral interactions, but no mismatch negativity, in auditory cortex of anesthetized rat (181) 51

McDonald, K.L., see Ostroff, J.M. (181) 1
McKay, C.M. and Henshall, K.R.
The perceptual effects of interphase gap duration in cochlear implant stimulation (181) 94
Metherate, R., see Lazar, R. (181) 51
Miasnikov, A.A., see Rutkowski, R.G. (181) 116
Miller, J., see Ekborn, A. (181) 109

Nicolas, M.T., Barhanin, J., Reyes, R. and Demêmes, D.
Cellular localization of TWIK-1, a two-pore-domain potassium channel in the rodent inner ear (181) 20

Okada, T., see Sawada, S. (181) 15
Ostroff, J.M., McDonald, K.L., Schneider, B.A. and Alain, C.
Aging and the processing of sound duration in human auditory cortex (181) 1

Phansuwan-Pujito, P., see Jongkamonwiwat, N. (181) 85
Pietrowsky, R., see Walpurger, V. (181) 57
Pourbakht, A. and Yamasoba, T.
Ebselen attenuates cochlear damage caused by acoustic trauma (181) 100
Puria, S., see Stenfelt, S. (181) 131

Reyes, R., see Nicolas, M.T. (181) 20
Rose, L.S., see Ryugo, D.K. (181) 73
Rosenbaum, B.T., see Ryugo, D.K. (181) 73
Rutkowski, R.G., Miasnikov, A.A. and Weinberger, N.M.
Characterisation of multiple physiological fields within the anatomical core of rat auditory cortex (181) 116
Ryugo, D.K., Cahill, H.B., Rose, L.S., Rosenbaum, B.T., Schroeder, M.E. and Wright, A.L.
Separate forms of pathology in the cochlea of congenitally deaf white cats (181) 73

Salvi, R.J., see Wang, J. (181) 65
Sarapoke, P., see Jongkamonwiwat, N. (181) 85
Saunders, J.C., see Kurian, R. (181) 40
Sawada, S., Takeda, T., Kitano, H., Takeuchi, S., Okada, T., Ando, M., Suzuki, M. and Kakigi, A.
Aquaporin-1 (AQP1) is expressed in the stria vascularis of rat cochlea (181) 15
Schneider, B.A., see Ostroff, J.M. (181) 1
Schroeder, M.E., see Ryugo, D.K. (181) 73
Schuller, G., see Firzlaff, U. (181) 27
Stenfelt, S., Puria, S., Hato, N. and Goode, R.L.
Basilar membrane and osseous spiral lamina motion in human cadavers with air and bone conduction stimuli (181) 131
Suzuki, M., see Sawada, S. (181) 15

Takeda, T., see Sawada, S. (181) 15
Takeuchi, S., see Sawada, S. (181) 15

van Dijk, P. and Backes, W.H.
Brain activity during auditory backward and simultaneous masking tasks (181) 8
Voie, A.H.
Corrigendum to "Imaging the intact guinea pig tympanic bulla by orthogonal plane fluorescence optical sectioning microscopy". [Hear. Res. 171 (2002) 119–128] (181) 144

doi:10.1016/S0378-5955(03)00202-8

Walpurger, V., Hebing-Lennartz, G., Denecke, H. and Pietrowsky, R.
Habituation deficit in auditory event-related potentials in tinnitus complainers (181) 57
Wang, J., Ding, D. and Salvi, R.J.
Carboplatin-induced early cochlear lesion in chinchillas (181) 65
Weinberger, N.M., see Rutkowski, R.G. (181) 116
Wright, A.L., see Ryugo, D.K. (181) 73

Yamasoba, T., see Pourbakht, A. (181) 100

ELSEVIER

Hearing Research 181 (2003) 147–149

HEARING RESEARCH

www.elsevier.com/locate/heares

# Subject Index Volume 181

**ABRs**
Development; Hearing; Organ of Corti; Scala media (Ryugo, D.K. (181) 73)

**Acoustic overstimulation**
Tip link; Chick; Hair cell; Stereocilia (Kurian, R. (181) 40)

**Aging**
Perception; Evoked potential; Sound duration; Temporal processing; Auditory; Scene analysis (Ostroff, J.M. (181) 1)

**Anesthesia**
Mismatch negativity; Event-related potential; Auditory cortex; Rat (Lazar, R. (181) 51)

**Auditory**
Aging; Perception; Evoked potential; Sound duration; Temporal processing; Scene analysis (Ostroff, J.M. (181) 1)

**Auditory cortex**
Mismatch negativity; Event-related potential; Rat; Anesthesia (Lazar, R. (181) 51)

Microelectrode mapping; Rat; Temporal cortex 1 (Rutkowski, R.G. (181) 116)

**Auditory nerve**
Inner hair cell; Ototoxicity; Carboplatin; Spiral ganglion neuron (Wang, J. (181) 65)

**Backward masking**
Human; Hearing; Simultaneous masking; Brain; Functional magnetic resonance imaging (van Dijk, P. (181) 8)

**Basilar membrane motion**
Bone conduction; Osseous spiral lamina motion; Characteristic frequency (Stenfelt, S. (181) 131)

**Bone conduction**
Basilar membrane motion; Osseous spiral lamina motion; Characteristic frequency (Stenfelt, S. (181) 131)

**Brain**
Human; Hearing; Backward masking; Simultaneous masking; Functional magnetic resonance imaging (van Dijk, P. (181) 8)

**Carboplatin**
Inner hair cell; Ototoxicity; Auditory nerve; Spiral ganglion neuron (Wang, J. (181) 65)

**Characteristic frequency**
Bone conduction; Basilar membrane motion; Osseous spiral lamina motion (Stenfelt, S. (181) 131)

**Chick**
Tip link; Acoustic overstimulation; Hair cell; Stereocilia (Kurian, R. (181) 40)

**Cisplatin**
Ototoxicity; Protection; Thiourea; Intracochlear administration (Ekborn, A. (181) 109)

**Cochlea**
Opioid receptor; Enkephalin; Endorphin; Inner ear; Inner hair cell (Jongkamonwiwat, N. (181) 85)

Noise-induced hearing loss; Ebselen; Hair cell (Pourbakht, A. (181) 100)

**Cochlear implant**
Electric stimulation; Loudness (McKay, C.M. (181) 94)

**Confocal microscopy**
Inner ear; KCNK1; 2P-domain $K^+$ channel; Immunocytochemistry (Nicolas. M.T. (181) 20)

**Development**
ABRs; Hearing; Organ of Corti; Scala media (Ryugo, D.K. (181) 73)

**Ebselen**
Noise-induced hearing loss; Cochlea; Hair cell (Pourbakht, A. (181) 100)

**Electric stimulation**
Cochlear implant; Loudness (McKay, C.M. (181) 94)

**Endolymph**
Water transport; Polymerase chain reaction; Immunohistochemistry (Sawada, S. (181) 15)

**Endorphin**
Opioid receptor; Cochlea; Enkephalin; Inner ear; Inner hair cell (Jongkamonwiwat, N. (181) 85)

**Enkephalin**
Opioid receptor; Cochlea; Endorphin; Inner ear; Inner hair cell (Jongkamonwiwat, N. (181) 85)

**Event-related potential**
Mismatch negativity; Auditory cortex; Rat; Anesthesia (Lazar, R. (181) 51)

Tinnitus; Tinnitus complainer; Tinnitus non-complainer; Habituation;

doi:10.1016/S0378-5955(03)00203-X

Vertex potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Evoked potential**
Aging; Perception; Sound duration; Temporal processing; Auditory; Scene analysis (Ostroff, J.M. (181) 1)

**Functional magnetic resonance imaging**
Human; Hearing; Backward masking; Simultaneous masking; Brain (van Dijk, P. (181) 8)

**Habituation**
Tinnitus; Tinnitus complainer; Tinnitus non-complainer; Event-related potential; Vertex potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Hair cell**
Tip link; Chick; Acoustic overstimulation; Stereocilia (Kurian, R. (181) 40)

Noise-induced hearing loss; Cochlea; Ebselen (Pourbakht, A. (181) 100)

**Head-related transfer function**
Pinna; Spatial hearing; Microchiroptera (Firzlaff, U. (181) 27)

**Hearing**
Human; Backward masking; Simultaneous masking; Brain; Functional magnetic resonance imaging (van Dijk, P. (181) 8)

ABRs; Development; Organ of Corti; Scala media (Ryugo, D.K. (181) 73)

**Human**
Hearing; Backward masking; Simultaneous masking; Brain; Functional magnetic resonance imaging (van Dijk, P. (181) 8)

**Immunocytochemistry**
Inner ear; KCNK1; 2P-domain $K^+$ channel; Confocal microscopy (Nicolas, M.T. (181) 20)

**Immunohistochemistry**
Endolymph; Water transport; Polymerase chain reaction (Sawada, S. (181) 15)

**Inner ear**
KCNK1; 2P-domain $K^+$ channel; Immunocytochemistry; Confocal microscopy (Nicolas, M.T. (181) 20)

Opioid receptor; Cochlea; Enkephalin; Endorphin; Inner hair cell (Jongkamonwiwat, N. (181) 85)

**Inner hair cell**
Ototoxicity; Carboplatin; Auditory nerve; Spiral ganglion neuron (Wang, J. (181) 65)

Opioid receptor; Cochlea; Enkephalin; Endorphin; Inner ear (Jongkamonwiwat, N. (181) 85)

**Intracochlear administration**
Cisplatin; Ototoxicity; Protection; Thiourea (Ekborn, A. (181) 109)

**KCNK1**
Inner ear; 2P-domain $K^+$ channel; Immunocytochemistry; Confocal microscopy (Nicolas, M.T. (181) 20)

**Loudness**
Cochlear implant; Electric stimulation (McKay, C.M. (181) 94)

**Microchiroptera**
Pinna; Head-related transfer function; Spatial hearing (Firzlaff, U. (181) 27)

**Microelectrode mapping**
Auditory cortex; Rat; Temporal cortex 1 (Rutkowski, R.G. (181) 116)

**Mismatch negativity**
Event-related potential; Auditory cortex; Rat; Anesthesia (Lazar, R. (181) 51)

**NIHL, noise-induced hearing loss**
Tinnitus; Tinnitus complainer; Tinnitus non-complainer; Habituation; Event-related potential; Vertex potential (Walpurger, V. (181) 57)

**Noise-induced hearing loss**
Cochlea; Ebselen; Hair cell (Pourbakht, A. (181) 100)

**Opioid receptor**
Cochlea; Enkephalin; Endorphin; Inner ear; Inner hair cell (Jongkamonwiwat, N. (181) 85)

**Organ of Corti**
ABRs; Development; Hearing; Scala media (Ryugo, D.K. (181) 73)

**Osseous spiral lamina motion**
Bone conduction; Basilar membrane motion; Characteristic frequency (Stenfelt, S. (181) 131)

**Ototoxicity**
Inner hair cell; Carboplatin; Auditory nerve; Spiral ganglion neuron (Wang, J. (181) 65)

Cisplatin; Protection; Thiourea; Intracochlear administration (Ekborn, A. (181) 109)

**2P-domain $K^+$ channel**
Inner ear; KCNK1; Immunocytochemistry; Confocal microscopy (Nicolas, M.T. (181) 20)

**Perception**
Aging; Evoked potential; Sound duration; Temporal processing; Auditory; Scene analysis (Ostroff, J.M. (181) 1)

**Pinna**
Head-related transfer function; Spatial hearing; Microchiroptera (Firzlaff, U. (181) 27)

**Polymerase chain reaction**
Endolymph; Water transport; Immunohistochemistry (Sawada, S. (181) 15)

**Protection**
Cisplatin; Ototoxicity; Thiourea; Intracochlear administration (Ekborn, A. (181) 109)

**Rat**
Mismatch negativity; Event-related potential; Auditory cortex; Anesthesia (Lazar, R. (181) 51)

Auditory cortex; Microelectrode mapping; Temporal cortex 1 (Rutkowski, R.G. (181) 116)

**Scala media**
ABRs; Development; Hearing; Organ of Corti (Ryugo, D.K. (181) 73)

**Scene analysis**
Aging; Perception; Evoked potential; Sound duration; Temporal processing; Auditory (Ostroff, J.M. (181) 1)

**Simultaneous masking**
Human; Hearing; Backward masking; Brain; Functional magnetic resonance imaging (van Dijk, P. (181) 8)

**Sound duration**
Aging; Perception; Evoked potential; Temporal processing; Auditory; Scene analysis (Ostroff, J.M. (181) 1)

**Spatial hearing**
Pinna; Head-related transfer function; Microchiroptera (Firzlaff, U. (181) 27)

**Spiral ganglion neuron**
Inner hair cell; Ototoxicity; Carboplatin; Auditory nerve (Wang, J. (181) 65)

**Stereocilia**
Tip link; Chick; Acoustic overstimulation; Hair cell (Kurian, R. (181) 40)

**Temporal cortex 1**
Auditory cortex; Microelectrode mapping; Rat (Rutkowski, R.G. (181) 116)

**Temporal processing**
Aging; Perception; Evoked potential; Sound duration; Auditory; Scene analysis (Ostroff, J.M. (181) 1)

**Thiourea**
Cisplatin; Ototoxicity; Protection; Intracochlear administration (Ekborn, A. (181) 109)

**Tinnitus**
Tinnitus complainer; Tinnitus non-complainer; Habituation; Event-related potential; Vertex potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Tinnitus complainer**
Tinnitus; Tinnitus non-complainer; Habituation; Event-related potential; Vertex potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Tinnitus non-complainer**
Tinnitus; Tinnitus complainer; Habituation; Event-related potential; Vertex potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Tip link**
Chick; Acoustic overstimulation; Hair cell; Stereocilia (Kurian, R. (181) 40)

**Vertex potential**
Tinnitus; Tinnitus complainer; Tinnitus non-complainer; Habituation; Event-related potential; NIHL, noise-induced hearing loss (Walpurger, V. (181) 57)

**Water transport**
Endolymph; Polymerase chain reaction; Immunohistochemistry (Sawada, S. (181) 15)